



Department of Energy
Washington, D.C. 20545

Mr. Leslie Fielding
Director General for External Relations
Commission of the European Communities
Rue de la Loi 200
1049 Brussels, Belgium

Dear Mr. Fielding:

This is to acknowledge receipt of your letter dated 17
December 1982 which reads as follows:

"I have the honour to refer with satisfaction to the understanding reached at the level of experts of our Administrations on cooperation in the area of renewable energy sources research and development.

"Fields of common interest have been identified as follows:

- An exchange of published non confidential information on performance experiences of two thermal solar power stations situated in the European Economic Community (Eurelios) and the United States (Barstow). The 1 MW plant Eurelios started power production on 14 April 1981, whilst the 10 MW plant in Barstow was completed in 1982. There is a mutual interest in a direct exchange of non confidential information on performance experience between the builders and the owners of both plants.
- An exchange of non confidential published information on photovoltaic energy production. The objectives of research on photovoltaic power generation of both the European Economic Community (EEC) and the US Department of Energy are very similar. Thus, interest for a continuous and rapid exchange of non confidential information is obvious. Such cooperation should cover:
 - standard measurement and test procedures of the solar panels;
 - pilot projects in the 100 KW range.

"Until now the exchange of information has been restricted to one workshop held in October 1980, which was jointly organized by the Commission of the European Communities (CEC), the US Department of Energy and the Commissariat a l'Energie Solaire of France. However, the results of the workshop which was attended by representatives of industry, engineers and scientists from Europe and the US, underlined the need for the implementation of continuous and rapid information exchange.

- An exchange of published non confidential information on research and development in the field of energy production from biomass and in particular:
 - experiences on biogas plants;
 - conversion processes for liquid biofuels;
 - algae.

"Since research and development in this field is considered very promising both in the EEC and the US, preliminary contacts between representatives of the CEC and the US Department of Energy were established at the first international conference on energy from biomass, organized by the CEC and held in November 1980.

"The research and development activities of both sides cover many areas of interest in these specific fields. An improved and intensified exchange of published non-confidential information would be clearly beneficial to each. To realize these aims it is envisaged to improve already existing contacts on a scientific level, through, e.g.

- Reciprocal invitations to scientific meetings in the EEC and the US;
- Continuous exchange of relevant published non-confidential information.

"The implementation, coordination as well as the review of the results of this cooperation will be in the hands of two senior officials nominated by the Commission of the EC and the U.S. Department of Energy. They should meet at least once a year alternatively in Brussels or in Washington.

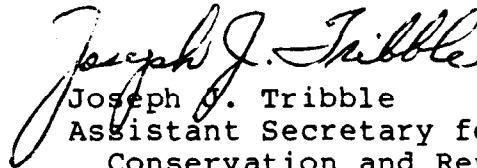
"Furthermore cooperation in these fields will not be considered as exclusive. Other interested countries and the International Energy Agency (IEA) may join these cooperations whenever they are developing similar kinds of projects and, conversely, US-DOE and CEC will participate whenever appropriate in ongoing or planned international programs in lieu of initiating new bilateral activities between themselves.

"If you accept the agreement outlined above, we could consider our proposal and your acceptance in the form of this exchange of letters as the basis for the cooperation in the area of renewable energy sources research and development.

"Please accept, Sir, the assurances of my highest consideration."

Accordingly, your letter and this reply shall constitute an agreement between the United States Department of Energy and the Commission of the European Communities, with effect from today's date, namely _____ 1982.

Sincerely,


Joseph G. Tribble
Assistant Secretary for
Conservation and Renewable Energy

COMMISSION
OF THE
EUROPEAN COMMUNITIES

Directorate-General for
External Relations

The Director General

Brussels, December 17, 1982

Sir,

I have the honour to refer, with satisfaction, to the understanding reached at the level of experts of our administrations on cooperation in the area of renewable energy sources research and development.

Fields of common interest have been identified as follows :

- an exchange of published non confidential information on performance experiences of two Thermal Solar Power Stations situated in the European Economic Community (EURELIOS) and the United States (Barstow). The 1 MW plant EURELIOS started power production on 14 April 1981, whilst the 10 MW plant in Barstow was completed in 1982. There is a mutual interest in a direct exchange of non confidential information on performance experience between the builders and the owners of both plants;
- an exchange of non confidential published information on photovoltaic energy production. The objectives of research on photovoltaic power generation of both the European Economic Community (EEC) and the US Department of Energy are very similar. Thus, interest for a continuous and rapid exchange of non confidential information is obvious. Such cooperation should cover :
 - standard measurement and test procedures of the solar panels;
 - pilot projects in the 100 KW range.

Until now the exchange of information has been restricted to one workshop held in October 1980, which was jointly organized by the Commission of the European Communities (CEC), the US Department

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Mr. Joseph TRIBBLE
Assistant Secretary for Conservation
and Renewable Energy
Department of Energy

USA - WASHINGTON, D.C. 20545

of Energy and the Commissariat à l'Energie Solaire of France. However, the results of the workshop which was attended by representatives of industry, engineers and scientists from Europe and the US, underlined the need for the implementation of continuous and rapid information exchange.

- an exchange of published non-confidential information on research and development in the field of energy production from biomass and in particular :
 - experiences on biogas plants ;
 - conversion processes for liquid biofuels ;
 - algae.

Since research and development in this field is considered very promising both in the EEC and the US, preliminary contacts between representatives of the CEC and the US Department of Energy were established at the first international Conference on Energy from Biomass, organized by the CEC and held in November 1980.

The research and development activities of both sides cover many areas of interest in these specific fields. An improved and intensified exchange of published non-confidential information would be clearly beneficial to each. To realise these aims it is envisaged to improve already existing contacts on a scientific level, through, e.g.

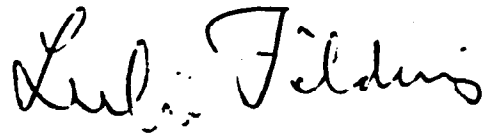
- reciprocal invitations to scientific meetings in the EEC and the US ;
- continuous exchange of relevant published non-confidential information.

The implementation, coordination as well as the review of the results of this cooperation will be in the hands of two senior officials nominated by the Commission of the EC and the US Department of Energy. They should meet at least once a year alternatively in Brussels or in Washington.

Furthermore cooperation in these fields will not be considered as exclusive. Other interested countries and the International Energy Agency (IEA) may join these cooperation whenever they are developing similar kinds of projects and, conversely, US-DOE and CEC will participate whenever appropriate in ongoing or planned international programs in lieu of initiating new bilateral activities between themselves.

If you accept the agreement outlined above, we could consider our proposal and your acceptance in the form of this exchange of letters as the basis for the cooperation in the area of renewable energy sources research and development.

Please accept, Sir, the assurances of my highest consideration.

A handwritten signature in cursive script, reading "Leslie Fielding". The signature is written in dark ink and is positioned above the printed name.

Leslie Fielding